

**Aprilaire**<sup>®</sup>

**Model 1700/1720 Central Dehumidifier**



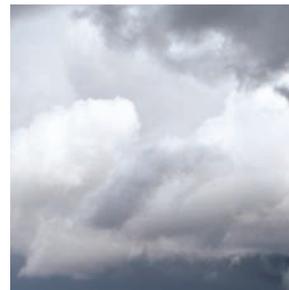
***Enjoy total comfort—  
perfect temperature  
and humidity.***

# You need central dehumidification more often than you think.

It's easy to identify those hot and sticky days when your home would be unbearable without a central air conditioner. But there are also key times of the year when humidity levels are high enough to make you feel uncomfortable even at moderate temperatures, when the air conditioning isn't running:

- **Spring and Autumn when daytime temperatures aren't warm enough to turn on the air conditioning**
- **Nighttime and morning hours when temperatures drop and your air conditioner doesn't run**
- **Rainy and cloudy days**

Depending upon where you live, these conditions could exist at least 20% of the time in a year. **In many locations it's up to 40% of the time.**



**That means you could feel uncomfortable and be subject to all the negative effects of high humidity for over 156 days a year!**

A central dehumidifier works independently from your central air conditioner to control excess moisture on days that don't require cooling. It also works in conjunction with your central air conditioner to provide complete

CONDITION	EQUIPMENT NEEDED		
	None	Air Conditioner	Central Dehumidifier
Moderate Temperature / Moderate Humidity	X		
High Temperature / Moderate Humidity		X	
Moderate Temperature / High Humidity		X	X
High Temperature / High Humidity		X	X

humidity control while maintaining an optimum home temperature,

**allowing you to be as comfortable as possible every hour of every day.**

# *Central dehumidification makes “every room” comfort possible— whatever the weather.*



The need for dehumidification has been recognized for many years, but in a very limited way. Many homeowners notice the symptoms of too much humidity (e.g., sleepless nights, continual adjusting of the thermostat, condensation on pipes and toilets, mold & mildew growth and more) then treat just those symptoms with less effective portable units. What they really need is a whole-home cure that works automatically to eliminate the problem altogether.

## **That’s exactly what an Aprilaire Central Dehumidifier can do—in every room, and on every floor, of your home.**

Your central dehumidifier can also concentrate on localized areas in your home where humidity problems are more prevalent such as basements and crawlspaces.

### **What about portables? The uncomfortable truth.**

No portable dehumidifier can match the whole-home effectiveness of an Aprilaire system. Here’s why:

- Portables only treat the immediate area surrounding them. An Aprilaire Central Dehumidifier helps control humidity levels in every room of your home.
- A house using multiple portable units uses dramatically more energy than one with an Aprilaire Central Dehumidification system.
- Portables are noisy, messy and intrude on your living space. An Aprilaire Central Dehumidifier is installed and runs out-of-sight with your central air venting system.
- Portables have to be manually emptied frequently or they shut off. An Aprilaire Central Dehumidifier works automatically and requires no emptying.

# The benefits of humidity control with an Aprilaire Central Dehumidifier



## 1 Enjoy complete comfort.

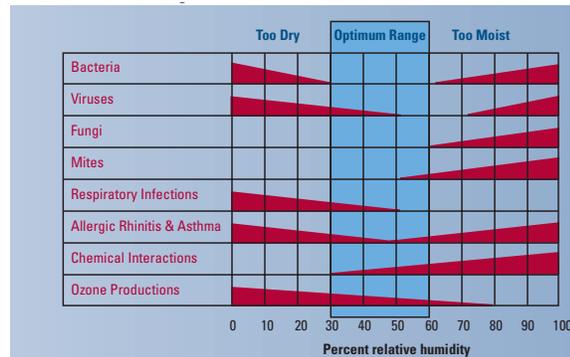
An Aprilaire Central Dehumidifier provides continual humidity control throughout your entire home, keeping every room from feeling stuffy or sticky even when the air conditioning isn't running.



## 2 Safeguard your family's health.

An overly humidified home can become a perfect environment for all sorts of pathogens. Allergens like molds and fungi thrive in relative humidity conditions above 60%, leading to a variety of ailments including asthma, allergies and a variety of respiratory infections. Dust mites, the leading cause of allergies, thrive in as little as 50%. An Aprilaire Central Dehumidifier handles excessively humid conditions, reducing the appearance of such harmful contaminants throughout your home.

OPTIMUM RELATIVE  
HUMIDITY RANGE  
TO MINIMIZE  
HARMFUL  
CONTAMINANTS



FROM 30% TO 60%:  
FOR CONSTANT  
COMFORT, KEEP  
YOUR HOME  
IN THE RANGE.



## 3 Protect your home and furnishings.

Too much humidity can contribute to mold and mildew growth that ruins fabrics and drapes, as well as affecting wooden furniture and millwork. An Aprilaire dehumidification system works with your existing central air system to help alleviate potentially damaging conditions.



## 4 Turn your Aprilaire Central Dehumidifier on, and turn your thermostat up.

Using an air conditioner to regulate your home's humidity is not the best solution. An Aprilaire Central Dehumidifier can do exactly that far more efficiently. You'll feel more comfortable at higher temperatures, allowing you to use your air conditioning less frequently. Plus, you'll receive those comfortable humidity levels without needing to run your air conditioning at uncomfortably cool temperatures.

# *Air conditioning works great for handling heat— But what about humidity?*

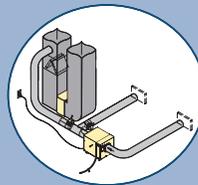
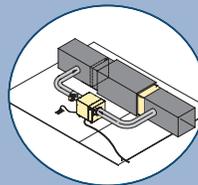
To many homeowners, the phrase “home comfort” means “air conditioning.” And to a certain extent, they are right. Central air conditioning has made entire regions of the United States more comfortable places to live.

## **But central air conditioning systems have limitations. Unless they include an Aprilaire Central Dehumidifier.**

Why? Because home comfort is not just about heat, but humidity as well. And while air conditioners can affect relative humidity in your home when running, they do nothing to lower that humidity when they are not. So what can enhance your home’s comfort when the temperature is low, but humidity is high?

### **The answer: an Aprilaire Central Dehumidifier.**

The Aprilaire Whole-Home Dehumidifier works well in new or existing homes. There are flexible installation options to fit your needs. Your local heating/cooling contractor can recommend the installation that is perfectly designed for you and your home.



**“INSTALLING A DEHUMIDIFIER IS THE ONLY RELIABLE WAY TO CONTROL HUMIDITY IN THE HOME.”**

**—GREEN BUILDING PROGRAM**



**The secret to home comfort?  
Maintaining the perfect balance  
between humidity  
and temperature.**

## A word about Indoor Air Quality and Energy Efficiency

The last decade has seen a revolution in the heating and cooling industry. New systems use up to 50% less energy. Plus, today's homes are constructed "tighter" than ever—potentially trapping moisture, stale indoor air and pollutants. So today's indoor air quality systems must include temperature control, humidity control, filtration and ventilation. Regardless of the age of your system, or if you currently use portables, updating to whole-home solutions could save you a substantial amount on energy costs and address other issues affecting your entire home's air quality.



### Optional Model 70 living space control

- Allows control of the Model 1700/1720 from the comfort of your living room
- Displays current relative humidity in your home

To learn more about indoor air quality, check out these free online resources:

Aprilaire Indoor Air Quality Products  
[www.aprilaire.com](http://www.aprilaire.com)

EnergyStar  
[www.energystar.gov](http://www.energystar.gov)

Healthy Indoor Air for America's Homes  
[www.healthyindoorair.org](http://www.healthyindoorair.org)

U.S. Environmental Protection Agency—Indoor Air Quality  
[www.epa.gov/iaq](http://www.epa.gov/iaq)

**Aprilaire**<sup>®</sup>  
*Fresh Ideas for Indoor Air*<sup>®</sup>

PO BOX 1467 • MADISON, WI 53701-1467 • PHONE 608/257-8801 • FAX 608/257-4357  
[WWW.APRILAIRE.COM](http://WWW.APRILAIRE.COM)